

LIST OF RESEARCH PUBLICATIONS

Zbigniew J. Jurek

March 26, 2016.

- 81. On a method of introducing free-infinitely divisible probability measures, *Demonstratio Math.*, **49**, No 2, 2016, pp. 236-251.
- 80. Strong mixing and operator-selfdecomposability, *J. Theor. Probab.*, **29**, 2016, pp. 292-306. (co-author R. C. Bradley).
- 79. On a central limit theorem for shrunken weakly dependent random variables, *Houston Math. Journal*, **41**, no 2, 2015, pp. 621-638. (co-author R. C. Bradley).
- 78. Remarks on the factorization property of some random integrals, *Stat. Probab. Letters*, **94**, 2014, pp. 192-195,
- 77. The strong mixing and the selfdecomposability properties, *Stat. Probab. Letters*, **84**, 2014, pp. 67-71 (co-author R. C. Bradley).
- 76. A random integral calculus on generalized s-selfdecomposable probability measures, *Sankhya A*, **76**, Issue 1, 2014, pp.1-14.
- 75. Invariant measures under random integral mappings and marginal distributions of fractional Lévy process, *Stat. Probab. Letters*, **83**, 2013, pp. 177-183.
- 74. Remarks on restricted Nevanlinna transforms, *Demonstratio Math.* **XIV**, no 2, 2012, pp. 297-307 (co-author L. Jankowski).
- 73. The random integral representation conjecture: a quarter of a century later, *Lithuanian Math. J.*, **51** no 3, 2011, pp. 362-369.
- 72a. Factorization property of generalized s-selfdecomposable measures and the class L^f distributions, *Theor. Probab. Appl.* **55**, no 4, 2011, pp. 692-698 (co-author A. Czyżewska-Jankowska).
- 72. Factorization property of generalized s-selfdecomposable measures and the class L^f distributions, *Teor. Verojatnost. Primenen.* **55**, no 4, 2010,

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67. Cauchy transforms of measures viewed as some functionals of Fourier transforms, *Probab. Mat. Stat.* **26**, no. 1, 2006, pp. 187-200.
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65. Selfdecomposable laws associated with hyperbolic functions, *Probab. Math. Stat.* **24**, no. 1, 2004, pp. 41-50. (with M. Yor)
64. A new factorization property of the selfdecomposable probability measures, *Ann. Probab.* **32**, No. 2 (2004), pp. 1356-1369. (with A. M. Iksanov and B. M. Schreiber)
63. The random integral representation hypothesis revisited: new classes of s-selfdecomposable laws. In: ABSTRACT AND APPLIED ANALYSIS; *Proc. International Conf. Hanoi, Vietnam 13-17 August 2002*; pp. 495-514. WORLD SCIENTIFIC, June 2004.
62. Generalized Lévy stochastic areas and selfdecomposability. *Stat.& Probab. Letters*, vol. **64** (2003), pp. 213-222.
61. Shot noise distributions and selfdecomposability. *Stochastic Anal. Appl.* vol. **21**, No 3, (2003), pp. 593-609. (with A. M. Iksanov)
60. On fixed points of Poisson shot noise transforms. *Advances of Applied Probab.* vol. **34** (2002), pp. 798-825. (with A. M. Iksanov)
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28. How to solve the inequality: $U_t m < m$ for every $0 < t < 1$? *Prob. Math. Stat.* **4** (1984), 171-183.
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